

NASA INTEX-A DATA REVIEW MEETING
VIRGINIA BEACH, VA
29 MARCH – 1 APRIL 2005

AGENDA

Tuesday, 29 March

7:30a	Registration	All
8:30a	Welcome/NASA HQ perspective	Gleason
8:45a	Objective of workshop	Singh
9:00a	Data status	Crawford

OVERVIEW

9:15a	INTEX mission overview	Singh
9:45a	Meteorological overview	Fuelberg

10:15a Break

10:30a	Flight planning perspective	Jacob
10:50a	NOAA status	Fehsenfeld
11:20a	Quasi-Lagrangian overview	Avery
11:30a	Instrument intercomparison overview	Chen

12:00n Lunch

ATMOSPHERIC COMPOSITION

1:00p	UV-DIAL	Browell
1:20p	Ozone	Avery
1:40p	DACOM	Sachse
1:55p	DLH water vapor	Diskin
2:10p	Cryogenic hygrometer and filter radiometer	Barrick
2:25p	Nitrogen oxides	Cohen
2:45p	GT-LIF	Tan

3:00p Break

3:15p	CO ₂ /CO ₂ -FTS	Vay
3:35p	Hydrocarbons and halocarbons	Blake
3:55p	PAN, carbonyls, alcohols, nitriles	Singh

OZONESONDES AND GROUND STATIONS

4:15p	IONS overview	Thompson
4:35p	Ozonesonde study	Merrill
4:55p	AIRMAP observations	Sive

5:15p Dinner

7:00p Poster session and cash bar

Wednesday, 30 March

8:30a ITOP status

Lewis

AEROSOLS

8:50a Aerosol distributions

Anderson

9:10a Aerosol optical properties

Clarke

9:30a Submicron aerosol composition

Weber

9:50a Bulk aerosol composition, HNO₃

Dibb

10:10a SO₂ and HNO₄

Huey

10:30a *Break*

PHOTOCHEMISTRY

10:45a Photolysis frequencies

Shetter

11:05a HO_x/NO measurements

Brune

11:25a Peroxides and formaldehyde

Heikes

11:45a Formaldehyde

Fried

12:00n H₂O₂, PAA, nitric acid

Crounse

12:20p *Lunch*

1:30p Photochemical modeling and analysis

Crawford

REMOTE OBSERVATIONS, ANALYSES, AND MODELS

1:50p Meteorological analyses

Fuelberg

2:10p Satellite observations

Thompson

2:30p MOPITT

Emmons

2:50p AIRS

McMillan

3:10p *Break*

3:25p MicroMAPS/Proteus

Connors

3:40p SCIAMACHY

Martin

4:00p MISR

McNaughton/Kahn

4:20p J-31

Russell

4:40p Aerosol radiative forcing

Redemann

4:55p Regional modeling and analysis

Carmichael

5:10p GEOS-CHEM modeling and analysis

Hudman/Turquety/Li

5:30p RAQMS modeling and analysis

Pierce

5:50p *Adjourn for the day*

Thursday, 31 March

- 8:30a Organization of working groups Singh, leader
- 9:00a Working group breakout sessions (break @ 10:15a) (Working group leaders
Possible topics: TBD)
- Transport processes and air mass characterization
 - Photochemistry & models
 - Biomass burning
 - Satellite validation/integration with aircraft data/sondes
- 12:00n *Lunch*
- 1:00p Working group breakout sessions (break @ 2:45p) (Working group leaders
Possible topics: TBD)
- Source quantification
 - Measurement issues/intercomparisons
 - Aerosol/radiation
 - Convective/lightning influences
- Charge to working groups:*
- Review current analysis and manuscript plans
 - How far along are the current efforts?
 - Identify, resolve overlaps
 - Identify avenues for fruitful collaboration
 - Identify publications and classify into themes
 - Identify needs for early publications
 - Identify gaps, outstanding problems, and make plans for addressing them
- 4:00p Working group reports (10 min/group) Working group leaders
- 5: 30p *Adjourn for the day*

Friday, 1 April

- Future/Where do we go from here?* Gleason/Singh, leaders
- 8:30a Aura capabilities, plans, and needs Schoeberl
- 9:00a AROTAL McGee
- 9:20a INTEX-B status and planning Gleason/Singh
- 9:40a IPY 2007/2008 Singh
- 9:50a INTEX-A wrap-up discussion Gleason/Singh
- Addressing gaps and needs for collaborations
 - Plans for second data workshop
 - Publications and schedule
 - Other issues (funding, future white papers, etc.)
- 11:30a *Adjourn*